

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels)

| Commodity | From 1 to | | | From 2 to | | | | From 3 to | |
|--------------------------------------------------|---------------|------------|----------|---------------|---------------|---------------|--------------|----------------|---------------|
| | 2 | 3 | 5 | 1 | 3 | 4 | 5 | 1 | 2 |
| Crude Oil | 352 | 20 | 0 | 938 | 52,166 | 6,408 | 2,164 | 2,335 | 19,620 |
| Petroleum Products | 17,693 | 82 | 0 | 20,363 | 44,230 | 15,295 | 5,026 | 106,606 | 18,194 |
| Natural Gas Liquids | 7,682 | 70 | 0 | 6,719 | 32,593 | 10,980 | 854 | 2,059 | 8,835 |
| Ethane | 5,712 | 0 | — | 114 | 14,913 | 3,193 | — | 0 | 1,237 |
| Propane | 1,083 | 29 | 0 | 4,960 | 9,413 | 4,033 | 342 | 2,027 | 2,107 |
| Normal Butane | 195 | 0 | 0 | 1,624 | 3,308 | 1,695 | 470 | 31 | 711 |
| Isobutane | 424 | 41 | 0 | 21 | 1,407 | 596 | 42 | 1 | 973 |
| Natural Gasoline | 268 | 0 | — | 0 | 3,552 | 1,463 | — | 0 | 3,807 |
| Refinery Olefins | 0 | 0 | — | 333 | 382 | — | — | 0 | 0 |
| Ethylene | — | — | — | — | — | — | — | — | — |
| Propylene | 0 | 0 | — | 333 | 382 | — | — | 0 | 0 |
| Normal Butylene | — | — | — | — | — | — | — | — | — |
| Isobutylene | — | — | — | — | — | — | — | — | — |
| Unfinished Oils | 40 | 0 | — | 0 | 1,064 | — | — | 10 | 35 |
| Motor Gasoline Blending Components | 6,770 | 0 | 0 | 1,035 | 1,628 | 2,106 | 0 | 58,795 | 3,281 |
| Reformulated - RBOB | 0 | 0 | 0 | 0 | 273 | — | 0 | 6,656 | 1,058 |
| Conventional | 6,770 | 0 | 0 | 1,035 | 1,355 | 2,106 | 0 | 52,139 | 2,223 |
| CBOB | 6,770 | 0 | 0 | 1,035 | 1,250 | 2,106 | 0 | 51,279 | 2,165 |
| GTAB | — | — | — | — | — | — | — | — | — |
| Other | 0 | 0 | — | 0 | 105 | — | — | 860 | 58 |
| Biofuels (including Fuel Ethanol) | 0 | 0 | 0 | 9,330 | 5,762 | 468 | 3,973 | 0 | 0 |
| Fuel Ethanol | 0 | 0 | 0 | 9,196 | 5,529 | 440 | 3,594 | 0 | 0 |
| Biodiesel | 0 | 0 | 0 | 133 | 234 | 29 | 379 | 0 | 0 |
| Renewable Diesel Fuel | — | 0 | 0 | — | 0 | — | 0 | — | — |
| Other Biofuels ² | — | — | — | — | — | — | — | — | — |
| Finished Motor Gasoline | 92 | 0 | 0 | 440 | 31 | 114 | 0 | 1,969 | 1,705 |
| Reformulated | — | — | — | — | — | — | — | — | — |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | — | — |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 92 | 0 | 0 | 440 | 31 | 114 | 0 | 1,969 | 1,705 |
| Conventional Blended with Fuel Ethanol | — | — | — | — | — | — | — | — | — |
| Ed55 and Lower | — | — | — | — | — | — | — | — | — |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 92 | 0 | 0 | 440 | 31 | 114 | 0 | 1,969 | 1,705 |
| Finished Aviation Gasoline | 0 | 0 | — | 0 | 0 | — | — | 117 | 45 |
| Kerosene-Type Jet Fuel | 405 | 0 | 0 | 81 | 0 | 813 | 0 | 14,735 | 662 |
| Kerosene | — | 0 | — | 0 | 0 | — | — | 37 | — |
| Distillate Fuel Oil | 2,661 | 0 | 0 | 1,392 | 1,250 | 796 | 0 | 28,118 | 3,230 |
| 15 ppm sulfur and under | 2,661 | 0 | 0 | 1,392 | 1,250 | 796 | 0 | 27,222 | 3,205 |
| Greater than 15 ppm to 500 ppm sulfur | 0 | 0 | — | 0 | 0 | — | — | 1 | 25 |
| Greater than 500 ppm sulfur | — | 0 | — | 0 | 0 | — | — | 895 | — |
| Residual Fuel Oil | 0 | 0 | — | — | 813 | — | — | — | 1 |
| Petrochemical Feedstocks | 0 | 0 | — | — | 138 | — | — | — | 25 |
| Naphtha for Petrochemical Feedstock Use | 0 | 0 | — | — | 138 | — | — | — | 25 |
| Other Oils for Petrochemical Feedstock Use | — | — | — | — | — | — | — | — | — |
| Special Naphthas | 0 | 0 | — | — | 0 | — | — | — | 15 |
| Lubricants | 0 | 0 | — | 0 | 0 | — | — | 389 | 161 |
| Waxes | — | — | — | — | — | — | — | — | — |
| Marketable Petroleum Coke | 0 | 12 | 0 | 218 | 310 | 13 | 16 | 102 | 55 |
| Asphalt and Road Oil | 43 | 0 | 0 | 815 | 259 | 5 | 183 | 275 | 139 |
| Miscellaneous Products | 0 | 0 | — | — | 0 | — | — | — | 6 |
| Total | 18,045 | 102 | 0 | 21,301 | 96,396 | 21,703 | 7,190 | 108,941 | 37,814 |

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels) — Continued

| Commodity | From 3 to | | From 4 to | | | | From 5 to | | |
|--------------------------------------------------|-----------|--------------|-----------|---------------|--------------|--------------|-----------|----------|-----------|
| | 4 | 5 | 1 | 2 | 3 | 5 | 1 | 3 | 4 |
| Crude Oil | 0 | 0 | 0 | 26,438 | 1,035 | 0 | 0 | 0 | 0 |
| Petroleum Products | 5 | 6,392 | 0 | 23,004 | 4,632 | 2,289 | 0 | 0 | 19 |
| Natural Gas Liquids | 0 | 118 | 0 | 21,718 | 4,392 | 303 | 0 | 0 | 0 |
| Ethane | 0 | — | 0 | 6,816 | 1,590 | — | 0 | 0 | 0 |
| Propane | 0 | 0 | 0 | 7,697 | 1,324 | 54 | 0 | 0 | 0 |
| Normal Butane | 0 | 15 | 0 | 3,175 | 524 | 192 | 0 | 0 | 0 |
| Isobutane | 0 | 103 | 0 | 1,239 | 314 | 57 | 0 | 0 | 0 |
| Natural Gasoline | 0 | — | 0 | 2,791 | 640 | — | 0 | 0 | 0 |
| Refinery Olefins | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Ethylene | — | — | — | — | — | — | — | — | — |
| Propylene | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Normal Butylene | — | — | — | — | — | — | — | — | — |
| Isobutylene | — | — | — | — | — | — | — | — | — |
| Unfinished Oils | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Motor Gasoline Blending Components | 0 | 3,791 | 0 | 175 | 0 | 1,207 | 0 | 0 | 0 |
| Reformulated - RBOB | — | 2,144 | 0 | 0 | 0 | 0 | 0 | 0 | — |
| Conventional | 0 | 1,647 | 0 | 175 | 0 | 1,207 | 0 | 0 | 0 |
| CBOB | 0 | 1,647 | 0 | 175 | 0 | 1,207 | 0 | 0 | 0 |
| GTAB | — | — | — | — | — | — | — | — | — |
| Other | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Biofuels (including Fuel Ethanol) | 0 | 1,265 | 0 | 0 | 0 | 43 | 0 | 0 | 0 |
| Fuel Ethanol | 0 | 639 | 0 | 0 | 0 | 43 | 0 | 0 | 0 |
| Biodiesel | 0 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Renewable Diesel Fuel | — | 530 | — | — | 0 | 0 | — | 0 | — |
| Other Biofuels ² | — | — | — | — | — | — | — | — | — |
| Finished Motor Gasoline | 0 | 0 | 0 | 432 | 0 | 92 | 0 | 0 | 0 |
| Reformulated | — | — | — | — | — | — | — | — | — |
| Reformulated Blended with Fuel Ethanol | — | — | — | — | — | — | — | — | — |
| Reformulated Other | — | — | — | — | — | — | — | — | — |
| Conventional | 0 | 0 | 0 | 432 | 0 | 92 | 0 | 0 | 0 |
| Conventional Blended with Fuel Ethanol | — | — | — | — | — | — | — | — | — |
| Ed55 and Lower | — | — | — | — | — | — | — | — | — |
| Greater than Ed55 | — | — | — | — | — | — | — | — | — |
| Conventional Other | 0 | 0 | 0 | 432 | 0 | 92 | 0 | 0 | 0 |
| Finished Aviation Gasoline | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Kerosene-Type Jet Fuel | 0 | 203 | 0 | 30 | 0 | 8 | 0 | 0 | 0 |
| Kerosene | — | — | 0 | — | 0 | — | 0 | 0 | — |
| Distillate Fuel Oil | 0 | 906 | 0 | 364 | 0 | 263 | 0 | 0 | 0 |
| 15 ppm sulfur and under | 0 | 906 | 0 | 364 | 0 | 263 | 0 | 0 | 0 |
| Greater than 15 ppm to 500 ppm sulfur | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Greater than 500 ppm sulfur | — | — | 0 | — | 0 | — | 0 | 0 | — |
| Residual Fuel Oil | — | — | — | 0 | 0 | — | — | 0 | — |
| Petrochemical Feedstocks | — | — | — | 0 | 0 | — | — | 0 | — |
| Naphtha for Petrochemical Feedstock Use | — | — | — | 0 | 0 | — | — | 0 | — |
| Other Oils for Petrochemical Feedstock Use | — | — | — | — | — | — | — | — | — |
| Special Naphthas | — | — | — | 0 | 0 | — | — | 0 | — |
| Lubricants | — | — | 0 | 0 | 0 | — | 0 | 0 | — |
| Waxes | — | — | — | — | — | — | — | — | — |
| Marketable Petroleum Coke | 0 | 6 | 0 | 177 | 111 | 110 | 0 | 0 | 6 |
| Asphalt and Road Oil | 5 | 103 | 0 | 109 | 129 | 263 | 0 | 0 | 13 |
| Miscellaneous Products | — | — | — | 0 | 0 | — | — | 0 | — |
| Total | 5 | 6,392 | 0 | 49,442 | 5,667 | 2,289 | 0 | 0 | 19 |

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Data source: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.